M. A. R. 57 (Rule 116)
Measurement Book

No. B

495828

Reference to last Measurement 8

1st and final Bill

From ..... To .....

Name of Contractor of nature of Agency ..... Executive Engineer, KRIDL, Chavara

Date of commencement of work ..... D-O-Recording : 12.06.2019

Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
Name of work : Imp to Roads, drains at Kalmila Nagar, Cross Roads in Ward No. 11, Karunagappally.						
Provisional cost Rs : 25.00 Lakhs.						
Tech. sanction No : KRIDL-011-18-000026						
Administrative approval No : BSBMP/EE/KRTP/WO/28/2018-19						Dt. 13-07-2018
Agreement No : AS/EE(BTD)/77/17-18						Dt. 14-12-2017
Tender No : TS/CE(PWR)/595/17-18						Dt. 02.02.2018

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measureme
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(1)	Earthwork for Rwd. drains & similar works, Earthwork excavating by manual means in ordinary soil, including as average horizontal throw upto 2mts & an average lift upto 0.50m, Excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking clods etc complete as per specifications & directions of Engineer-in-Charge of Work.						
						As per MB. Pg no (1) p.no 495876 = 102.064 m³ @ 199.36/m³	20346.68
(2)	Removing of refacing of	stone slabs of drains and paving					

M. A. R. 57 (Rule 116)
Measurement Book

No. B

495829

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	2	Number 3	Length 4	Breadth 5	Depth 6	7	8
	(in CM (1.3) are complete as per specifications and directions of Engineer-in-charge of work.						
					Qty as per this MB. p. 06	495876	
					As No. (2) = 68.40 m² @ 80.56/m²		5483.02
	(2) Providing granite slabs of selected quality roughly dressed having size of 7.50 cms thick and fixed in CM (1:6) including joints in CM are complete as per specifications and directions of Engineer-in-charge of work.						

Contents | Reference to last Measurement
7 | 8
20346.68

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measureme
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Opp. Vaishnavi Theatre Kalmalainagar - N/L	1	18.00	-	1.35	24.30	
		1	20.00	-	1.35	27.00	
		1	12.00	-	1.35	16.20	
		1	15.00	-	1.35	20.20	
		1	19.00	-	1.35	25.65	
		1	22.00	-	1.35	29.70	
		1	27.00	-	1.35	36.45	
	Opp. Vaishnavi Theatre Kalmalainagar - N/L	1	20.00	-	1.35	27.00	
		1	18.00	-	1.35	24.30	
		1	22.00	-	1.35	29.70	
		1	13.00	-	1.35	17.55	
		1	23.00	-	1.35	31.05	
		1	25.00	-	1.35	33.75	
		1	27.00	-	1.35	36.45	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

... From ... To ...

495830

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
	1	22.00	–	1.35	29.70	
	1	16.00	–	1.35	21.60	
	1	22.00	–	1.35	29.70	
	1	12.00	–	1.35	16.20	
					476.55 m²	
				Ltd to	476.28 m²	
				@	665.68/m²	317050.00
Providing and filling in foundn with granite/trap broken metal between and down sides with approved sand including hand packing, ramming, watering, including costs of all materials and						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	labour with all lead and lift etc complete as per specification and direction of Engineer-in-charge of work.						
						Amount this M.B. p. no 495877	
						Item ⑤ : 68.04 m³ @ 2240.84/m³.	152466.35
5)	Providing and laying in position plain cement concrete of mix 1:4:8 with opc cement 180 days with 40mm nd down size graded granite metal coarse aggregate 0.85 m³ and fine aggregate 0.57 m³ machine mixed, concrete laid in layers not exceeding 150mm thick well compacted in finding including cost of all materials, labour charges						

M. A. R. 57 (Rule 116)
Measurement Book

No. B 495831

...al file ....
...e of Work .... From .... To ....
...e of Contractor of nature of Agency ....
...e of commencement of work ....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
of masonry, curing all complete as per specification.						
Qty vide this M.B. p.no 495877						
Ft. no (4) = 45.36 m³ @ 5159.02/m³						234013.18
b) Providing and constructing load bearing wall with solid blocks, of size 400x200x200mm having block density not less than 1000 kg/m³ and having a min. average comp. strength 4 N/mm² conforming to IS - 2185 constructed [illegible] as per IS 2782-2005 including curing all						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Material, labour charges, scaffolding curing etc complete as per specifications and directions of Engineer-in-charge of work						
	Transhumi theatre Val Mulanayar. N/S	2 x 2	30.40	-	0.40	48.64	
		2 x 1	30.40	-	0.40	24.32	
		2 x 1	26.70	-	0.40	21.36	
		2 x 2	30.40	-	0.40	48.64	
		2 x 1	17.40	-	0.40	13.92	
	——— S/S	3 x 2	30.40	-	0.40	72.96	
		2 x 1	26.70	-	0.40	21.36	
		2 x 2	30.40	-	0.40	48.64	
						245.84	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Name of Work ..... From..... To..... 495832

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
	2 nos	9.90	–	0.40	7.92	
	2 nos	30.00	–	0.40	96.00	
	2 nos	5.00	–	0.40	4.00	
					404.56 m²	
				Less	403.20 m²	
					@ 993.22/m²	400466.00
Providing and laying in position plain cement concrete of mix 1:2:4 with 12mm and down size graded granite/metal coarse aggregate					0.64 m³	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	fine aggregate 0.459m³, machine mixed concrete laid in layers not exceeding 15 cms thick well compacted in foundation, plinth and sills, including curing all material, labour, tools, machinery, curing etc complete as per specifications and directions of Engineer-in-charge of work.						
	Cr for Bed						
	Opp. Vaishnavi theatre Vadmilaingyo N/	3 x 1	30.40	0.45	0.10	4.05	
		1	26.70	0.45	0.10	1.20	
		2 x 1	30.40	0.45	0.10	2.70	
		1	17.40	0.45	0.10	0.78	
	——— s/s	3 x 1	30.40	0.45	0.10	4.05	
		1	26.70	0.45	0.10	1.20	
						13.98	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

495833

From..... To.....

...Contractor of nature of Agency .....

...commencement of work .....

Reference to last Measurement 8	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		2 × 1	30.00	0.45	0.10	2.70	
		1	9.90	0.46	0.10	0.46	
		4 × 1	30.00	0.45	0.10	5.40	
		1	5.00	0.45	0.10	0.23	
	for capping	3 × 2	30.00	0.20	0.10	3.60	
	Northern Theatre Rwy N/S	2 × 1	26.70	0.20	0.10	1.07	
		2 × 2	30.00	0.20	0.10	2.40	
		2 × 1	17.40	0.20	0.10	0.70	
	S/S	3 × 2	30.00	0.20	0.10	3.60	
		2 × 1	26.70	0.20	0.10	1.07	
		2 × 2	30.00	0.20	0.10	2.40	

33.72

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2 nos	9.90	0.20	0.10	0.40 m^3	
		2 nos	30.00	0.20	0.10	4.80	5.4
		2 nos	5.00	0.20	0.10	0.20	
						42.98 m^3	
					Less 6	42.84 m^3	
					@ 5767.46/m^3		247078.00
8)	Providing precast labour material, labour, carriage complete as per direction of Engineer-in-charge of work.	100mm thick including cost of all transportation, loading unloading etc					
	Theatre Road N/S	3 nos	30.00	0.90	-	81.00	
		1	26.70	0.90	-	24.03	
		2 nos	30.00	0.90	-	54.00	
						159.03	

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Measurement Book

No. B

495834

From ..... To .....

Name of Work .....

Name of Contractor or nature of Agency .....

Date of commencement of work .....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8
	1	17.40	0.90	-	15.66	
	3×1	30.00	0.90	-	81.00	
	1	26.70	0.90	-	24.03	247.39
	2×1	30.00	0.90	-	54.00	296.97
	1	9.90	0.90	-	8.91	
	4×1	30.00	0.90	-	108.00	
	1	5.00	0.90	-	4.50	
					455.13 m²	
				L.M.6	453.60 m²	
					@ 1820.56 /m²	825806.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
						Sub-Total R	2252040.00
						KRIDL Charges 10%.	252204.00
						Labour cess @ 1%.	22520.00
						Total R	24,99,764.00
	12/06/2019						

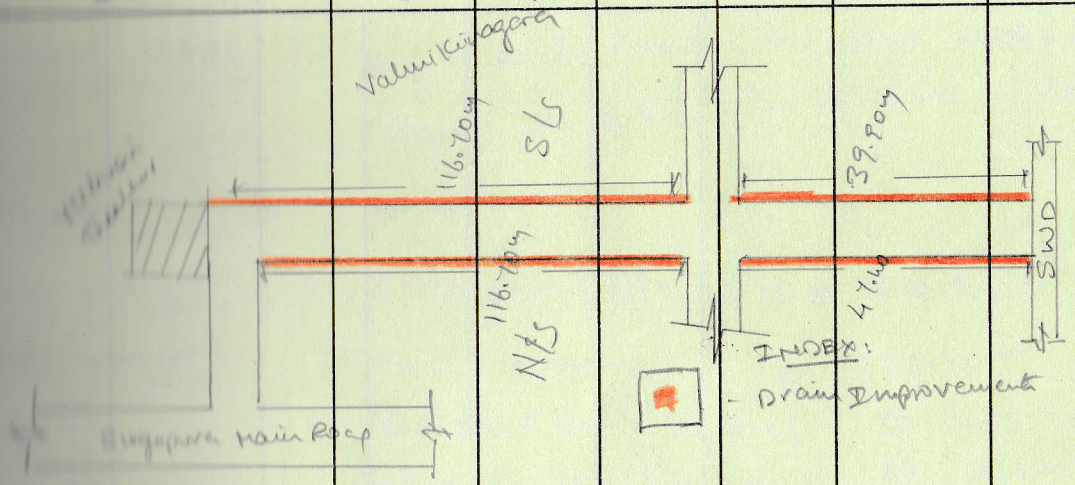
M. A. R. 57 (Rule 116)
Measurement Book

No. B

495835

From ..... To .....

of Contractor or nature of Agency .....

of commencement of work .....

Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
	Number	Length	Breadth	Depth		
2	3	4	5	6	7	8